

Amendment to the Title:

Please change the title of the application to VIDEO GAME MACHINE USING
DIGITAL CAMERA, VIDEO GAME SYSTEM USING THE VIDEO GAME MACHINE,
AND DIGITAL CAMERA ACCESSORY FOR VIDEO GAME MACHINE

Amendments to the Specification:

✓
Please replace the paragraph beginning on page 3, (numbered) line 11 with the following amended paragraph:

FIGURE 3A 3 is a generalized block diagram of a digital camera accessory in accordance with a first embodiment of the present invention.

✓
[Please insert the following new paragraph after (numbered) line 12 on page 3:]

FIGURE 3B shows camera unit 304 positioned remotely with respect to the base unit 302/game system 10 combination.

a1 [Please replace the paragraph beginning on page 8, line 20 with the following amended paragraph:]

Additional features of game system 10 may be found in U.S. Patent No. 6,315,669 Application No. ~~09/321,201~~, filed May 27, 1999, the contents of which are incorporated herein in their entirety.

✓
[Please replace the paragraph beginning on page 9, line 19 with the following amended paragraph:]

In a first embodiment shown schematically in FIGURE 3A 3, a digital camera accessory 300 comprises two separable parts: a base unit 302 and a camera unit 304. Base unit 302 connects to game system 10 via game cartridge slot 18. Base unit 302 includes a plastic housing that encases a printed circuit board on which are mounted the base unit components. This printed circuit board of base unit 302 has a connector defining a number of electrical contacts that mate with the corresponding edge connector electrical contacts within the game system 10 when base unit 302 is inserted into game cartridge slot 18 of game system 10.

✓
[Please replace the paragraph beginning on page 10, line 4 with the following amended paragraph:]

Camera unit 304 is removably attachable to base unit 302. Thus, camera unit 304 may be physically attached to base unit 302 or may be located remotely with respect to base unit 302. To effect the physical attachment, base unit 302 is itself configured with a slot 312 for receiving camera unit 304. This slot 312 is provided with "edge connector" electrical contacts that mate with electrical contacts of camera unit 304. In this way, camera unit 304 may be "piggy-backed" onto base unit 302 when base unit 302 is inserted into the game cartridge slot 18 of game system 10. Alternatively, camera unit 304 is attachable to base unit 302 via a wired connection.

Q ✓
[Please replace the paragraph beginning on page 10, line 14 with the following amended paragraph:]

With reference to FIGURE 3B, in ~~In~~ a remote camera mode, base unit 302 is inserted into the game cartridge slot 18 of game system 10 and camera unit 304 is positioned remotely with respect to the base unit 302/game system 10 combination. In this mode, video data and audio data captured by camera unit 304 at the remote position are transmitted by the camera unit to base unit 302. The video and audio data received by base unit 302 are output via LCD 16 and speaker 58 of game system 10.

✓
[Please replace the paragraph beginning on page 15, line 11 with the following amended paragraph:]

A memory 550 of base unit 302 stores one or more programs containing instructions accessible to and executable by CPU 26 of game system 10. Memory 550 may be a combination of read only and read/write memory. The programs include one or more programs relating to the digital camera accessory functionality described herein and include, for example, a program providing a user interface by which a user can initiate the digital camera accessory functionality, select one of the operating modes, terminate the functionality, etc. Such programs may be responsive to user inputs via operating keys 48a-48e. Memory 550 may also store game

programs (which may be related or unrelated to the digital camera accessory functionality) that are executable by CPU 26 of game system 10. Memory 550 may also be configured to include a shot image temporary storage RAM as described in U.S. Patent No. 6,435,969 ~~Application No. 09/430,169~~, the contents of which are incorporated herein in their entirety.

[Please replace the paragraph beginning on page 17, line 16 with the following amended paragraph:]

By way of example, but not limitation, digital camera cartridge 600 may be physically configured along the lines described in U.S. Patent No. 6,435,969 ~~Application No. 09/430,169~~. FIGURES 6 and 7 are external perspective views showing the structure of digital camera cartridge 600. FIGURE 8 is an exploded view showing that digital camera cartridge 600 includes a camera portion 602, a camera supporting portion 604, and a cartridge body portion 606. Camera portion 602 is shown as including an image detecting device (sensor) 608 that is encased by generally spherical case 610 having a front portion 610f and a rear portion 610r. The front portion 610f of spherical case 610 includes a front panel 612 in which an opening 614 is provided for allowing images to be incident on a lens (not shown) of optical sensor (camera) 608. Support portion 604 comprises a camera supporting body 620 and a fixed supporting body 622. Support portion 604 is configured to rotatably support camera portion 602 such that camera portion 602 is rotatable between a "forward-looking" direction (i.e., the direction of the outward normal from the outer surface of a front portion 624f of cartridge body portion 624) and a "rearward-looking" direction (i.e., the direction of the outward normal from the outer surface of a rear portion 624r of cartridge body portion 624). Support portion 604 further supports camera portion 602 so that the angle between the optical axis and the outward normal from the outer surface of front portion 624f of cartridge body portion 624 when the camera portion is positioned in the forward-looking direction is between about 10 to 45° and is preferably about 15°. In this way, for example, camera portion 602 is conveniently oriented to detect and capture the face of a user watching display 16 of game system 10.

a1 [Please replace the paragraph beginning on page 21, line 11 with the following amended paragraph:]

Memory 980 may also be configured to include a shot image temporary storage RAM as described in the above-mentioned U.S. Patent No. 6,435,969 ~~Application No. 09/430,169~~.
